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1. (Twice amended) A method of bonding balls of solder to bond pads on a substrate comprising:

contemporaneously retaining at least two balls of solder over different respective bond pads on a substrate in the absence of flux; and

with the <u>at least two</u> balls <u>of solder</u> so retained, exposing the <u>at least two</u> balls <u>of solder</u> to bonding conditions effective to bond the <u>at least two</u> balls <u>of solder</u> with their associated bond pads.

2. (Twice amended) The method of claim 1, wherein exposing comprises laser-bonding the <u>at least two</u> balls <u>of solder</u>.

Cancel claim 41.

New Claims

3 45. The method of claim 1, wherein exposing comprises melting the at least two balls.

A method of bonding balls of solder to bond pads on a substrate comprising:

contemporaneously retaining first and second balls of solder over different respective first and second bond pads on a substrate in the absence of flux; and

with the first and second balls of solder so retained, sequentially exposing the first and second solder balls to bonding conditions effective to (i) melt each of the first and second balls of solder and then (ii) cool each of the first and second molten balls of solder to bond each of the first and second balls of solder with their associated first and second bond pads.

47. The method of claim 46, wherein exposing comprises sequentially laser-bonding each of the first and second balls of solder.